

KR9601009

DA - KR9601009 B1 19960117
DP - KR19930006067 19930412
II - GLASS COMPOSITION FOR SEALING
SC - C03C8/24
C - C04B35/18; C03C10/00
PA - KEUMKANG CO LTD [KR]
AI - MIN HEUNG-SIK [KR]; CHOE SEUNG-KYU [KR]; AHN YOUNG-KEUN [KR]
RD - KR19930006067 19930412
MF - WF
AS - The title composition comprises 88-92 wt% alumina(Al₂O₃), 3-5 wt% silica(SiO₂), 0.5-1.5 wt% magnesia(MgO), 0.5-1.5 wt% calcia(CaO), 1-3 wt% manganese oxide(MnO), 1-2 wt% chromia(Cr₂O₃) and 0.5-1 wt% zirconia(ZrO₂). The used alumina powder has 70% of 2-4 microns size particles and 30% of 0.4-0.5 microns size particles, and the particle size of the silica is 1-3 microns. The total weight of MgO, CaO, MnO, Cr₂O₃ and ZrO₂ is 5-7% with respect to the whole weight of the composition.